

REMARKS

This amendment responds to the office action mailed September 25, 2009. In the office action the Examiner:

- rejected claims 91-135 under 35 U.S.C. 102(e) as being anticipated by Barg et al (U.S. Patent No. 6,707,454).

After entry of this amendment, the pending claims are: claims 91, 94, 96-102, 105, 107-113, 116, and 118-135. Claims 1-90, 92, 93, 95, 103, 104, 106, 114, 115, and 117 have been canceled..

Substance of Interview

The Applicants' attorneys, Doug Crisman (Reg. No. 39,951) and Yalei Sun (Reg. No. 57,765), thank the Examiner for discussing the pending application on December 8, 2009. During the interview, the Examiner and the Applicants' attorneys discussed how to amend the pending claims to overcome the references of record. The Examiner suggests that independent claim 91 can overcome the references of record after incorporating dependent claims 92, 93, and 95. The Examiner also suggests that the other pending claims can overcome the references with the same or similar amendments. The Applicants agree to consider the Examiner's suggestion.

Claim Amendments

In light of the substance of the phone interview, the Applicants have amended claim 91 to include claims 92, 93, and 95. Support for the amendments can be found in at least Figure 20 and the related text. Independent claims 102, 113, 124, and 125 have been amended in substantially similar manner.

Claim Rejections

Claim 91, as amended, recites a computer-implemented method, comprising:

at a computer having one or more processors and memory
storing programs executed by the one or more processors:

displaying a graphical user interface window for
visualizing a dataset having an inherent hierarchical dimension,
wherein the hierarchical dimension includes a first dimension level
and a second dimension level, the graphical user interface window

including a schema display region and a data visualization region, wherein:

- the schema display region includes metadata describing a hierarchical structure of the dataset including the first dimension level and the second dimension level, and

wherein the schema display region is generated by:
identifying one or more measures from the dataset;

generating an ordered list of the first and second dimension levels and an ordered list of the identified measures; and
displaying the ordered lists of the first and second dimension levels and the identified measures in the schema display region;

- the data visualization region includes a first axis shelf, a second axis shelf, and a visual table;

detecting user requests to associate the metadata identifying the first and second dimension levels in the schema display region with either the first axis shelf or the second axis shelf, respectively;

in response to the user requests, forming in the visual table a plurality of panes, each pane having a first axis corresponding to the dimension level associated with the first axis shelf and a second axis corresponding to the dimension level associated with the second axis shelf; and

populating each pane in the visual table with at least a subset of the dataset in accordance with the arrangement of the first and second axes.

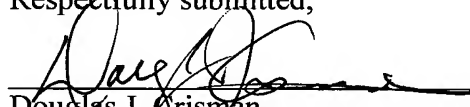
Because Barg fails to teach at least one of the claimed features required claim 91, claim 91 and its dependant claims are not anticipated by Barg. Because independent claims 102, 113, 124, and 125 substantially correspond to claim 91, these respective claim sets are not anticipated by Barg for at least the same reasons. Applicants respectfully request that the Examiner withdraw rejections under 35 U.S.C. 102(e) against the pending claims.

Finally, it should be noted that, by responding in the foregoing remarks only to particular positions asserted by the Examiner, Applicants do not necessarily acquiesce in other positions that have not been explicitly addressed in this amendment. In addition, Applicants' arguments for the patentability of a claim should not be understood as implying that no other reasons for the patentability of that claim exist.

In light of the above amendments and remarks, the Applicant respectfully submits that all the pending claims are in condition for allowance and all the pending claim requests that the Examiner reconsider this application with a view towards allowance. The Examiner is invited to call the undersigned attorney at (650) 843-4000, if a telephone call could help resolve any remaining items.

Respectfully submitted,

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